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Express Mail Label No. EM401136836US

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. AWR-017 (457/19)

First Named Inventor Tzannes

Title

A System And Method For Scrambling The Phase Of  
The Carriers In A Multicarrier Communications  
System

## APPLICATION ELEMENTS

ADDRESS TO: **Box Patent Application**  
Assistant Commissioner for Patents  
Washington, D.C. 202311. ☒ Fee Transmittal Form2. ☒ Specification and Drawings [Total Pages 27]

X - Written Description - (18 pages)

X - Claims - (6 pages)

X - Abstract - (1 page)

X - Sheets of Drawings - (2 sheets)

☐

Formal

☒

Informal

3. ☒ Oath or Declaration [Total Pages 3]a. ☒ Newly executed (original)b. ☐ Copy from a prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed)

[Note Box 4 below]

4. ☐ Incorporation by Reference (usable if Box 3b is checked)

The entire Disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 3b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

5. ☐ Microfiche Computer Program (Appendix)6. ☐ Nucleotide and/or Amino Acid Sequence Submission☐ Computer Readable Copy☐ Paper Copy (identical to computer copy)☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)  
☐ Power of Attorney8. ☐ English Translation Document (if applicable)9. ☐ Information Disclosure Statement (IDS)/PTO-1449☐ Copies of IDS Citations10. ☐ Preliminary Amendment☐ Drawings [Total Sheets ]☐ Letter to Official Draftsperson Including

Drawings [Total Pages ]

11. ☒ Return Receipt Postcard12. ☐ Small Entity Statement(s)☐ Statements filed in prior application,  
(Status still proper and desired)13. ☐ Certified Copy of Priority Document(s)14. ☐ Deletion of Inventor(s)

Signed statement attached deleting inventor(s) named in the prior application.

15. ☒ Patent Application Data Entry Form16. ☐ Other:17. ☐ If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application Serial No. \_\_\_\_/\_\_\_\_.

Priority to the above application(s) is claimed under 35 U.S.C. 120.

Prior application information: Examiner: \_\_\_\_\_. Group/Art Unit: \_\_\_\_\_.

18. ☒ Priority - 35 U.S.C. 119☒ Priority of application Serial No. 60/164,134 filed on November 9, 1999 in United States is claimed under 35 U.S.C.

119.

☐ The certified copy has been filed in prior U.S. application Serial No. \_\_\_\_/\_\_\_\_ on \_\_\_\_.☐ The certified copy will follow.

## CORRESPONDENCE ADDRESS

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## SIGNATURE BLOCK

Date: November 9, 2000  
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Respectfully submitted,

*Michael A. Rodriguez*  
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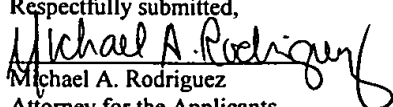
ABRAMSON457/19.1105071

# FEE TRANSMITTAL

## FY 2001

Complete Known	
Application Serial Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Tzannes
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket No.	AWR-017 (457/19)

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METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																					
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>130</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>2,520</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>390</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>890</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1,390</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1,890</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>310</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>310</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>270</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>50</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>240</td> <td>240</td> <td>Submission of Information Disclosure Statement (37 CFR 1.97(c))</td> <td></td> </tr> <tr> <td>130</td> <td>130</td> <td>Submission of Information Disclosure Statement (37 CFR 1.97(d))</td> <td></td> </tr> <tr> <td>710</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>710</td> <td>355</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="2">Other fee (Specify)</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Other fee (Specify)</td> <td></td> <td></td> </tr> </tbody> </table>		Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath		50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	For filing a request for reexamination		110	55	Extension for reply within first month		390	195	Extension for reply within second month		890	445	Extension for reply within third month		1,390	695	Extension for reply within fourth month		1,890	945	Extension for reply within fifth month		310	155	Notice of Appeal		310	155	Filing a brief in support of an appeal		270	135	Request for oral hearing		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		240	240	Submission of Information Disclosure Statement (37 CFR 1.97(c))		130	130	Submission of Information Disclosure Statement (37 CFR 1.97(d))		710	355	Filing a submission after final rejection (37 CFR 1.129(a))		710	355	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (Specify)				Other fee (Specify)			
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.																																																																																							
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<b>CORRESPONDENCE ADDRESS</b> Direct all correspondence to: Patent Administrator Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Tel. No.: (617) 248-7000 Fax No.: (617) 248-7100		<b>SIGNATURE BLOCK</b> Respectfully submitted,  Michael A. Rodriguez Attorney for the Applicants Testa, Hurwitz & Thibault, LLP High Street Tower-125 High Street Boston, MA 02110 Date: November 9, 2000 Reg. No.: 41,274 Tel. No.: (617) 248-7501 Fax No.: (617) 248-7100																																																																																					